

IN THE CLAIMS

This listing of claims replaces all prior listings:

1. (Currently Amended) A battery comprising:

a cathode;

an anode; and

an electrolyte,

wherein,

said cathode contains an active material capable of inserting and extracting lithium,

said anode comprises an anode current collector and an active material layer that is a thin silicon film formed by at least one method from the group consisting of gas phase method, liquid phase method and sinter method, said methods effectively inhibiting the destruction by expansion or shrinkage of the anode active material layer and forming an alloy between at least part of the interface between the active material layer and the anode current collector,

the electrolyte contains (1) an anion expressed by Chemical formula 1, (2) an anion selected from the group consisting of PF_6^- , BF_4^- , ClO_4^- and AsF_6^- , (3) an anion expressed by Chemical formula 2, and (4) an anion expressed by Chemical formula 4, and (5) a moisture content in the electrolyte is 100 ppm or less at a mass ratio in relation to the electrolyte where

Chemical formula 1 is represented by the formula $[\text{B}(\text{RF1})(\text{RF2})(\text{RF3})\text{RF4}]$,

each of RF1, RF2, RF3, and RF4 in Chemical formula 1 represents a perfluoro alkyl group, of the general formula $\text{C}_n\text{F}_{2n+1}$, where $1 \leq n \leq 12$,

Chemical formula 2 is represented by the formula $[N(C_iF_{2i+1}SO_2)(C_jF_{2j+1}SO_2)]^-$,

i and j in Chemical formula 2 are integer numbers of 1 or more,

Chemical formula 4 is represented by the formula

$[C_pF_{2p+1}SO_2)(C_qF_{2q+1}SO_2)(C_rF_{2r+1}SO_2)]^-$, and

p, q, and r in Chemical formula 4 are integer numbers of 1 or more.

2. (Cancelled)
3. (Original) A battery according to claim 1, wherein the anode contains at least one from the group consisting of a carbon material; a simple substance, alloys, and compounds of silicon (Si); and a simple substance, alloys, and compounds of tin (Sn).
4. (Cancelled)
5. (Cancelled)
6. (Original) A battery according to claim 1, wherein the electrolyte contains other anions in addition to the foregoing anions.
7. (Cancelled)
8. (Currently Amended) A battery according to claim 1, wherein the electrolyte contains an anion of PF_6^- and at least one anion from the group consisting of BF_4^- , ClO_4^- , and AsF_6^- , an anion expressed by Chemical formula 2, and an anion expressed by Chemical formula 4 as the other anions.
9. - 18. (Cancelled)